10

1110
1115
1110

110

210

Fig. 1

y
x

D_{Px}

110

3   3

D_{Py}

W_P

L_P

210

y
x

Fig. 2

D_{Px}

z
x

110

H_P

310

410

Fig. 3

y

x

1110

1115

1110

115

Fig. 4

10

110

D_{px}

1110

115

1115

D_{py}

A

α

o

B

D_t

1110

110

210

Fig. 5

y

x

20

1125

1120

120

125

Fig. 6

125

1125 →

L

De_y

120

Fig 7

1120 →

De_p

Ll_p

y

x

B

We_p

L

He_p

y

x

Fig. 8   3

125

120

Fig 9

y
x

125

Dℓc

Fig.10

120a   120b

y
x

320

320

y ↑
  └→ x

190a

120b
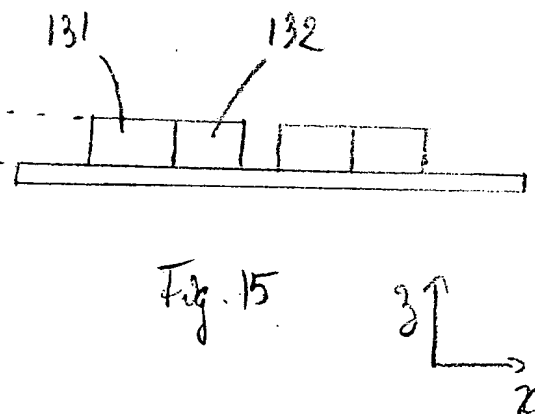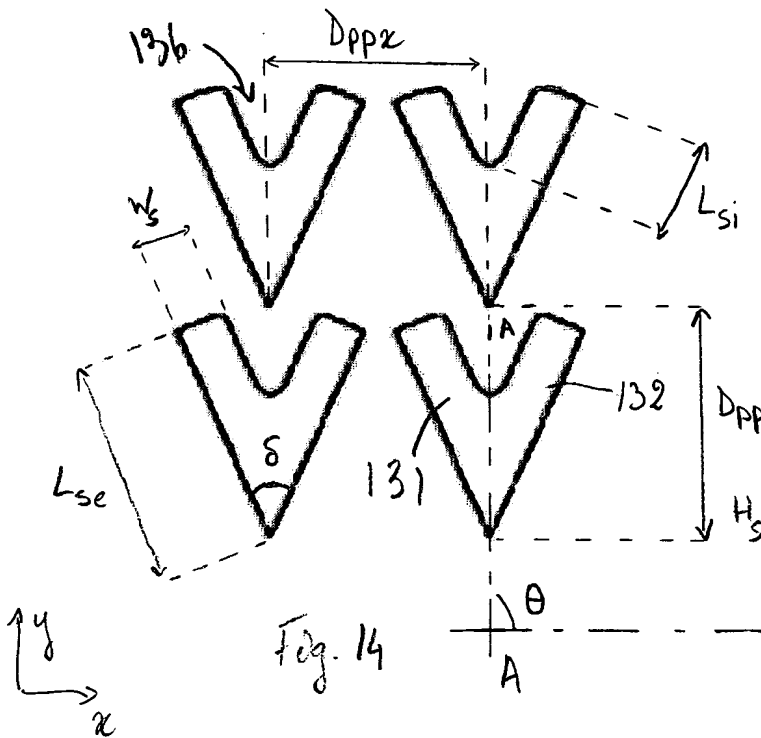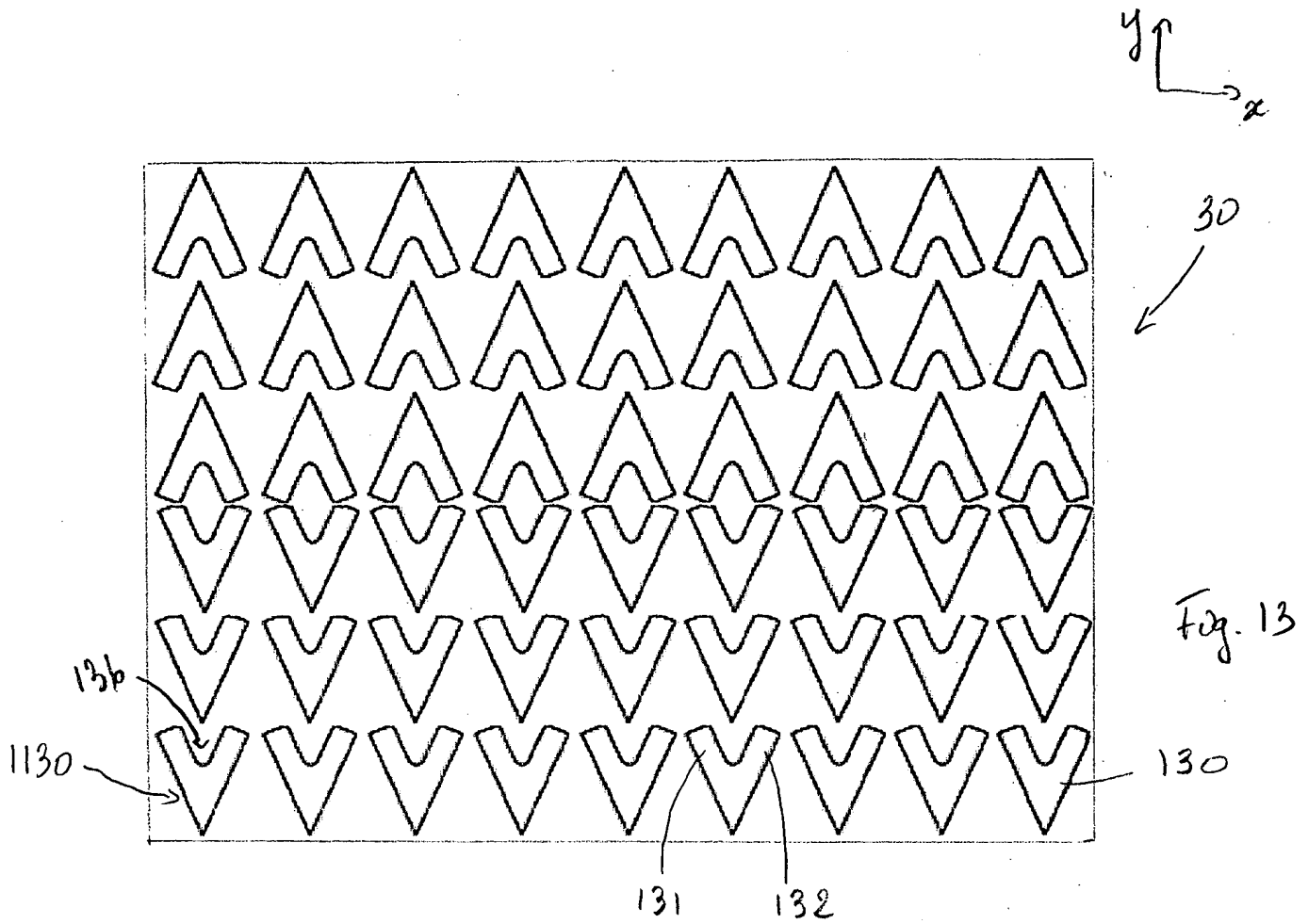
220

220

Fig. 11

320

220

320

220

Hφ

Hℓp

z ↑
  └→ x
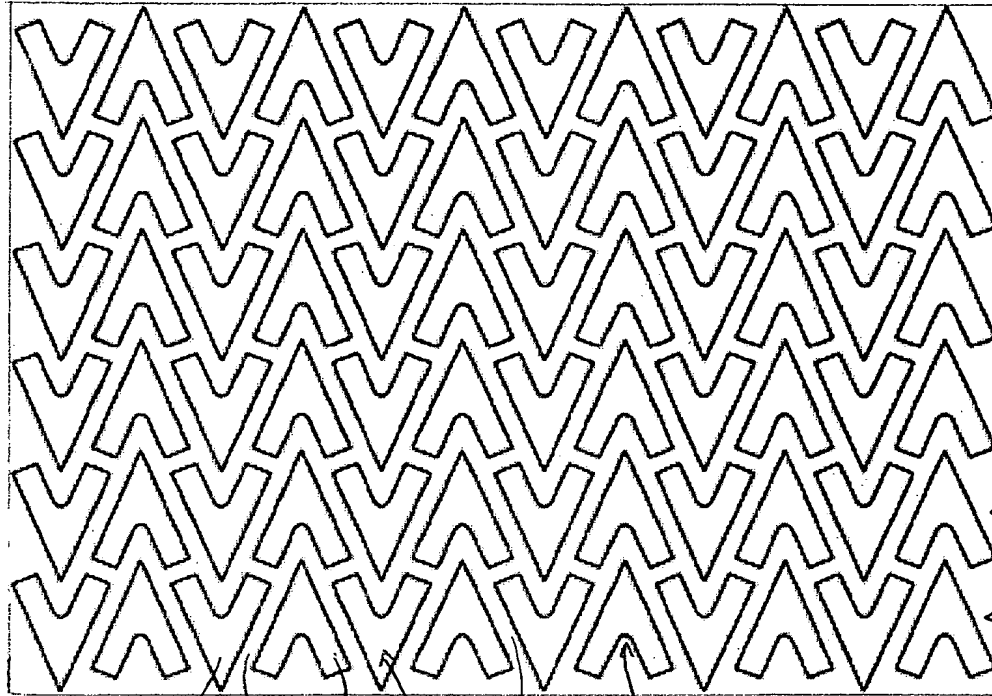
Fig. 12

Fig. 13
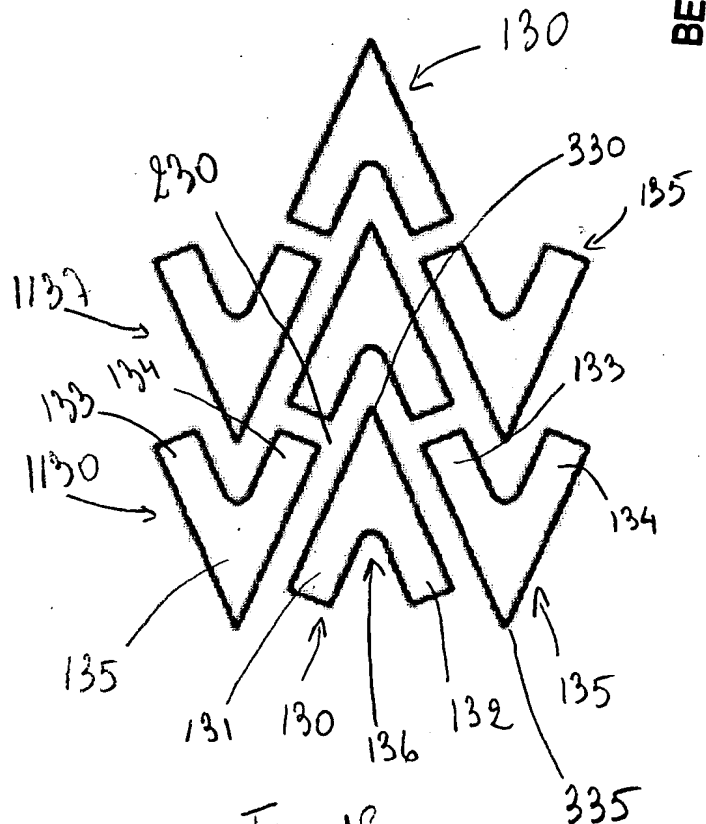

Fig. 14

Fig. 15

Fig. 16

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Fig 17
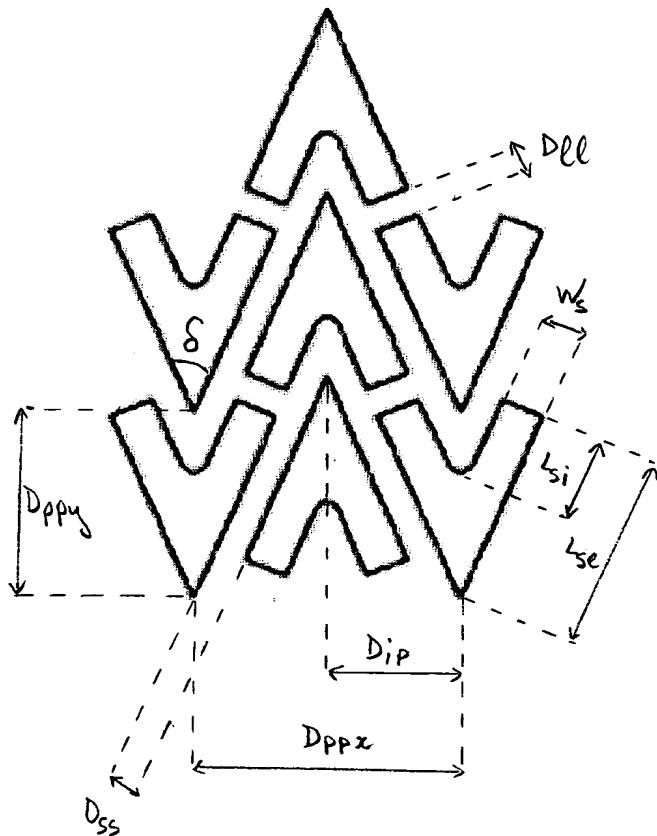
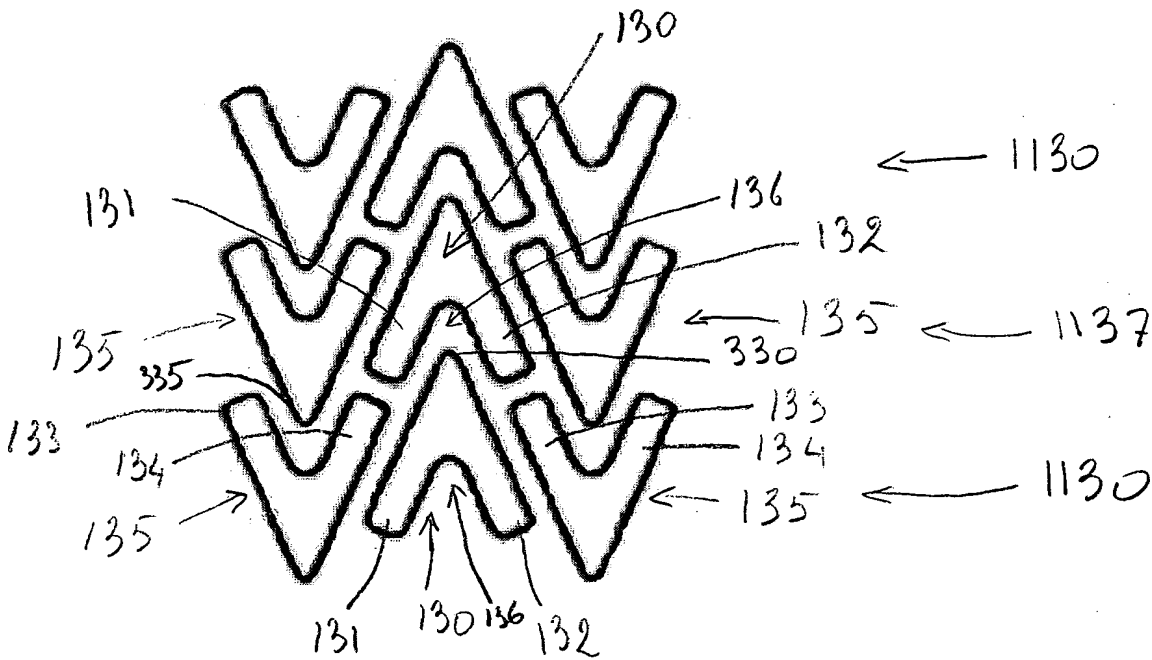Fig. 18
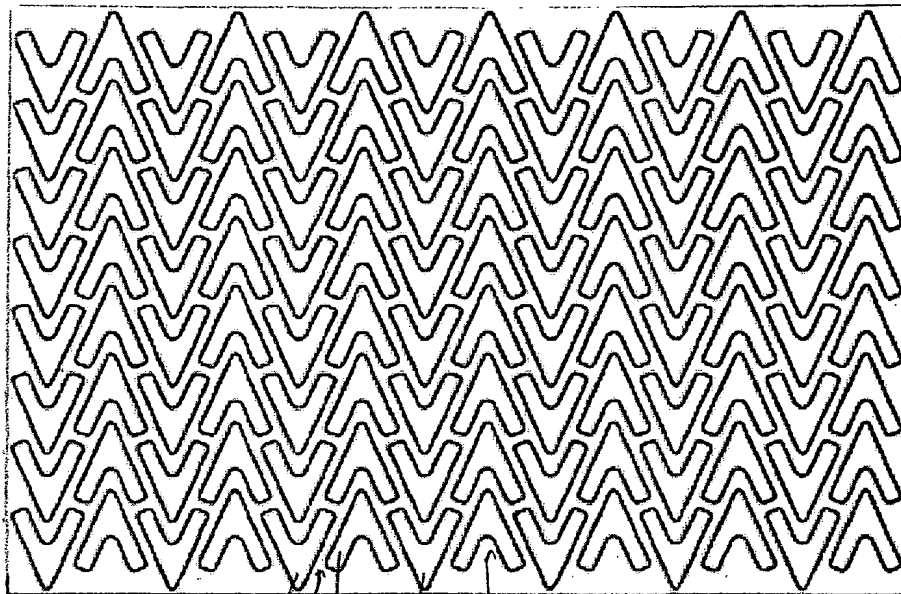
30

Fig. 19

1137

1130

135 230 130 135 136
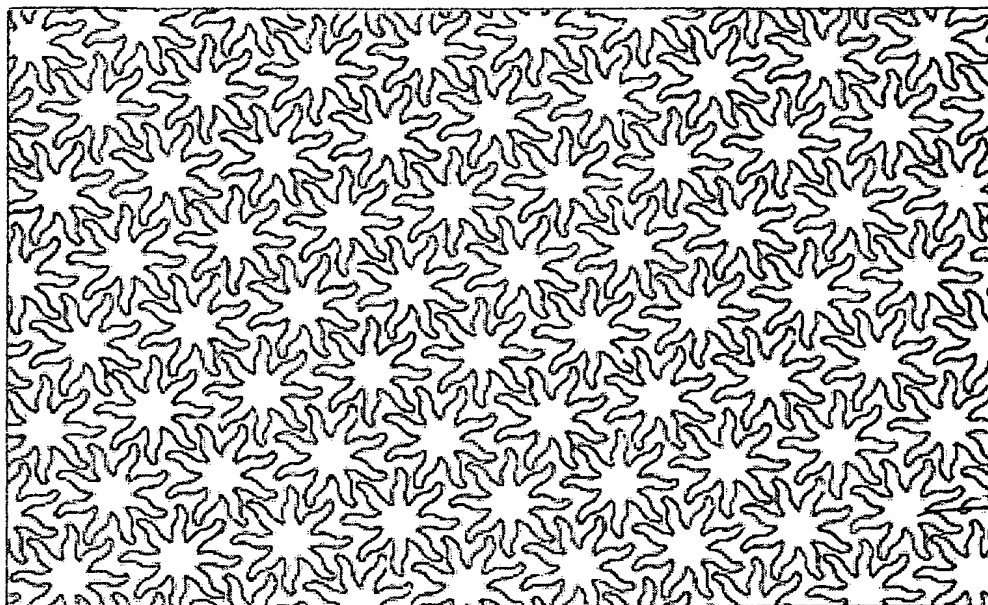
130

1130

131

135   136   132

335   330 135   1137

133

134   133

135   134

135   1130

131 130 136 132

Fig. 20

40

Fig 21

140

140

140a   Li   140b
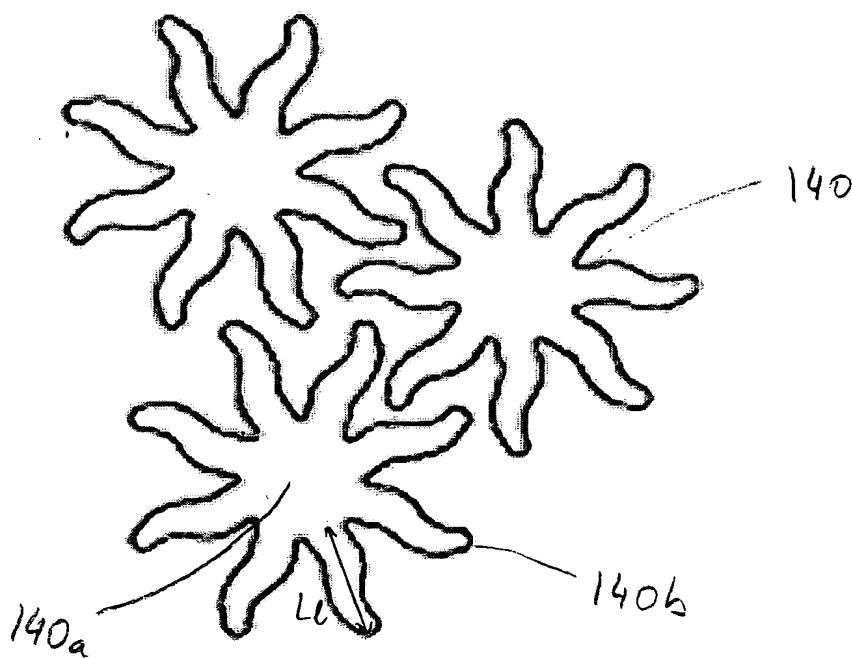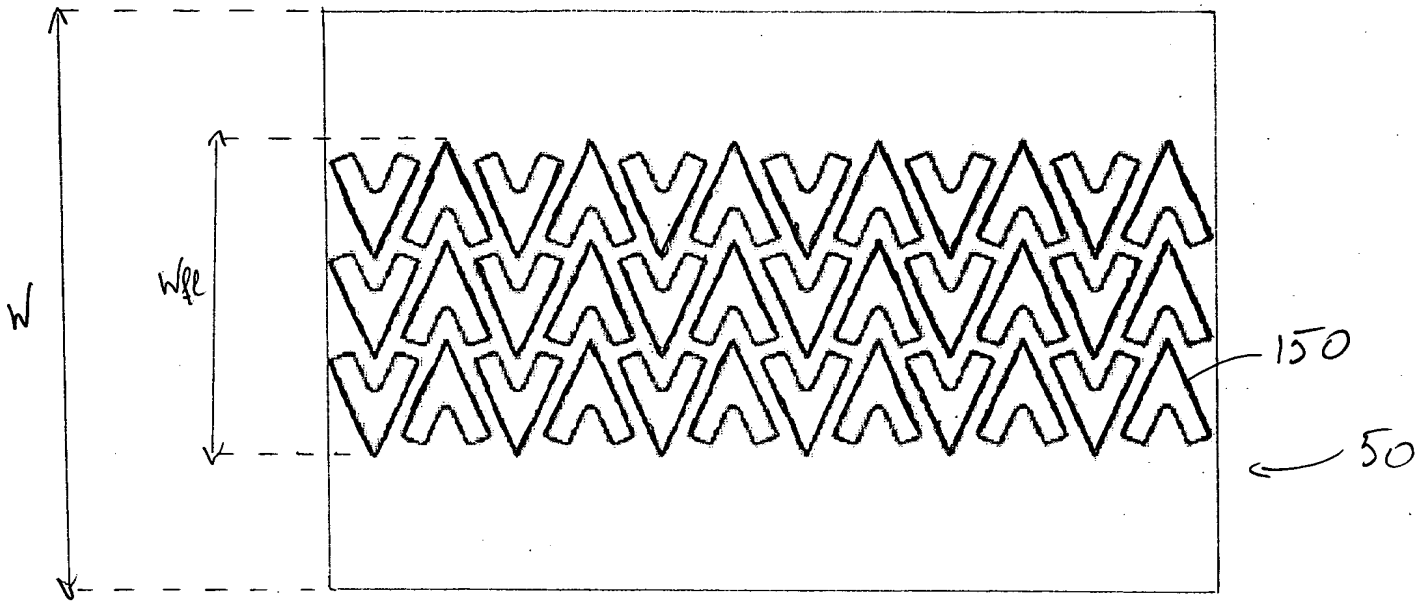
Fig 22

Fig. 23

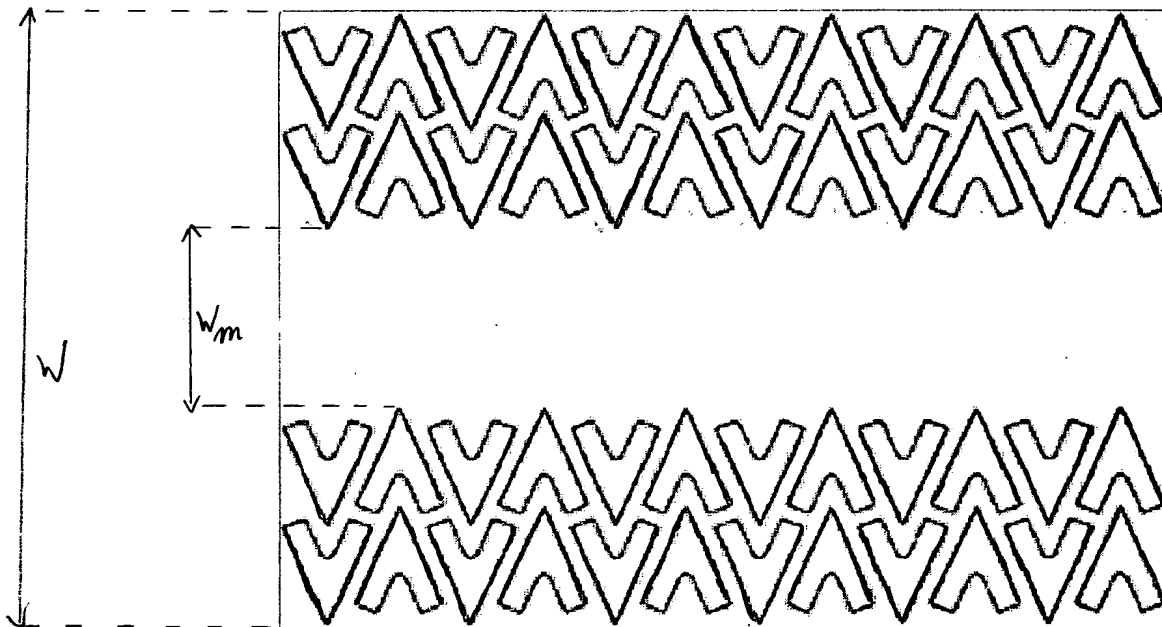Fig. 24

160

Bottom Bottom Bottom Bottom
Bottom Bottom Bottom Bottom
Bottom Bottom Bottom Bottom
Bottom Bottom Bottom
Bottom Bottom Bottom Bottom
Bottom Bottom Bottom Bottom

160

Fig. 25

Swiffer® Swiffer® Swiffer®
Swiffer® Swiffer® Swiffer®
Swiffer® Swiffer® Swiffer®
Swiffer® Swiffer® Swiffer®
Swiffer® Swiffer® Swiffer®
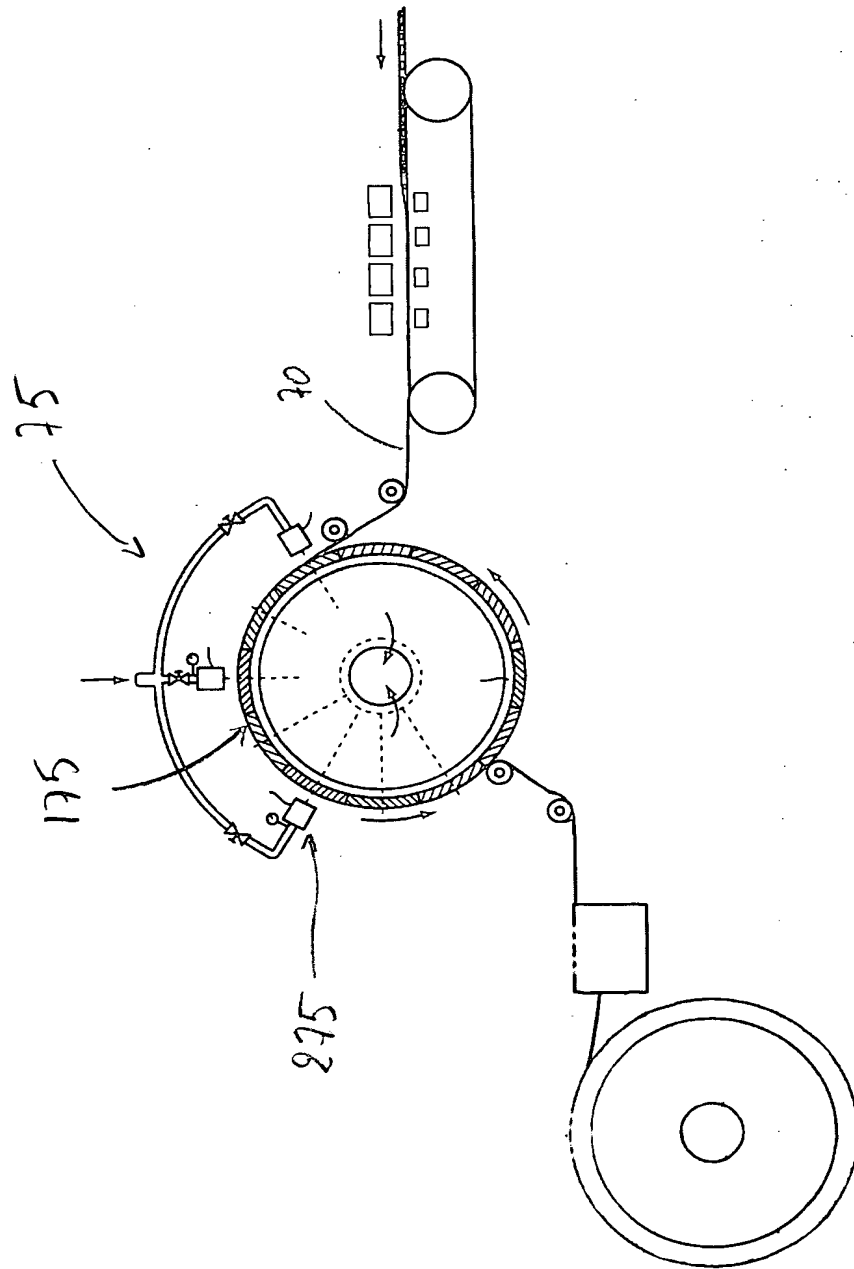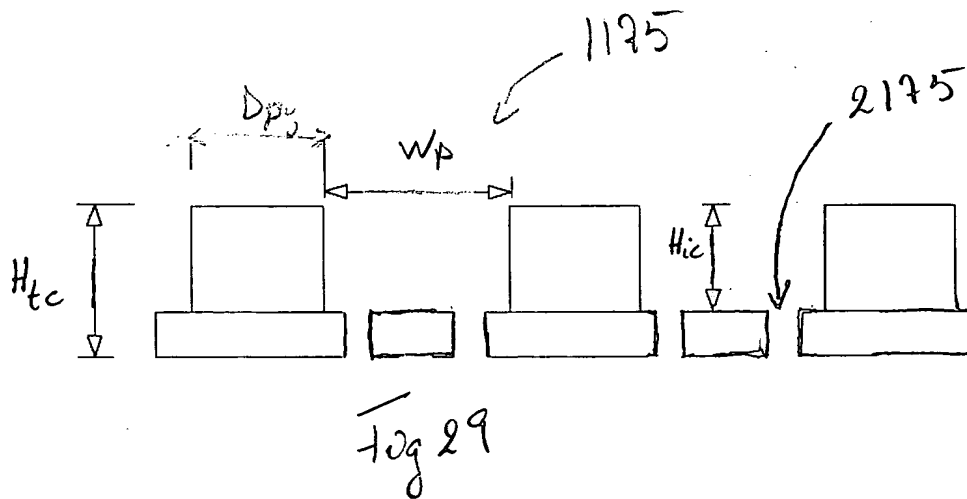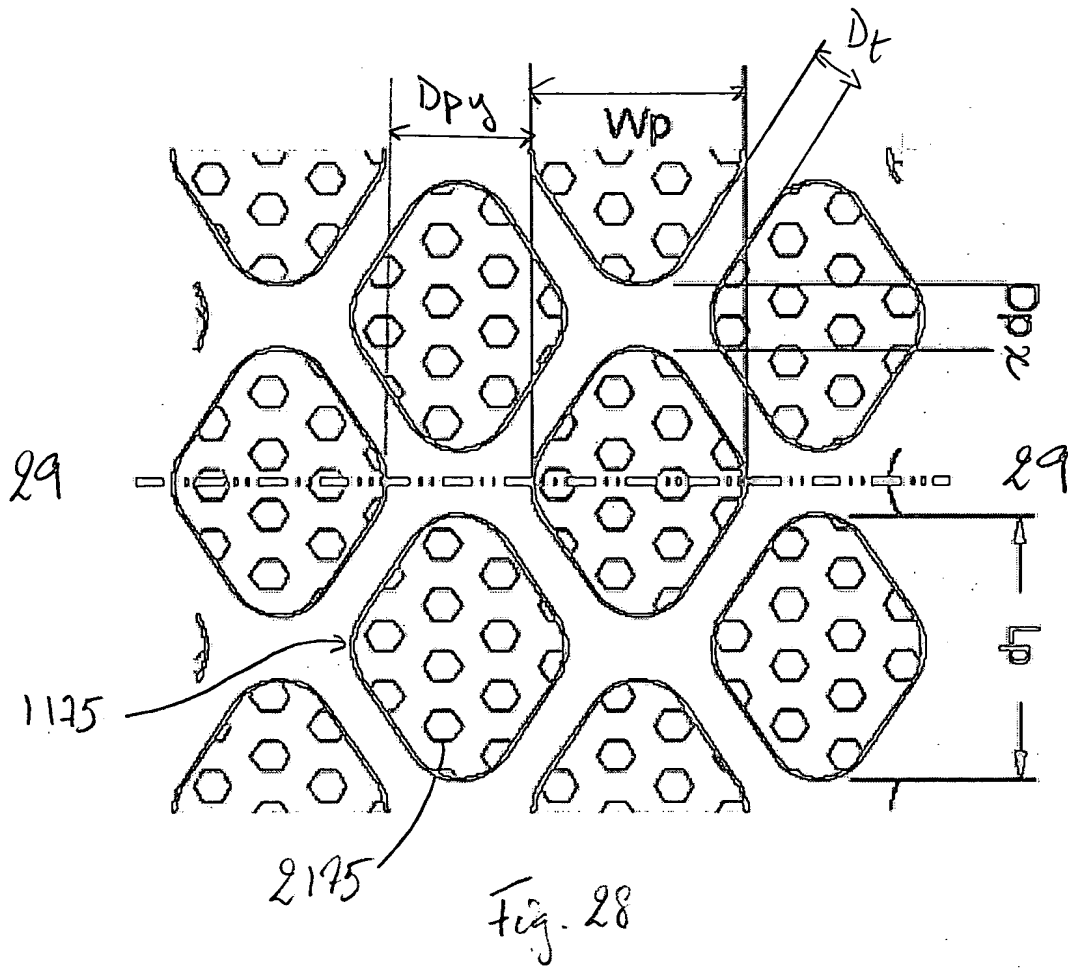*Swiffer® Swiffer® Swiffer®*

160

160

Fig. 26

75

70

135

275

Fig. 22

D_t

D_{py}

W_p

D_{px}

29

29

L_p

1175

2175

Fig. 28

1175

2175

D_{py}

W_p

H_{ic}

H_{tc}

Fig. 29

Fig. 30

1280   1180

180   280

380

Fig. 31

1280   1180

180   280

380

Fig. 32

1180   1280

180   280

380

Fig. 33

85 →

Fig. 34   185

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85 →

Fig. 35

185

85 →

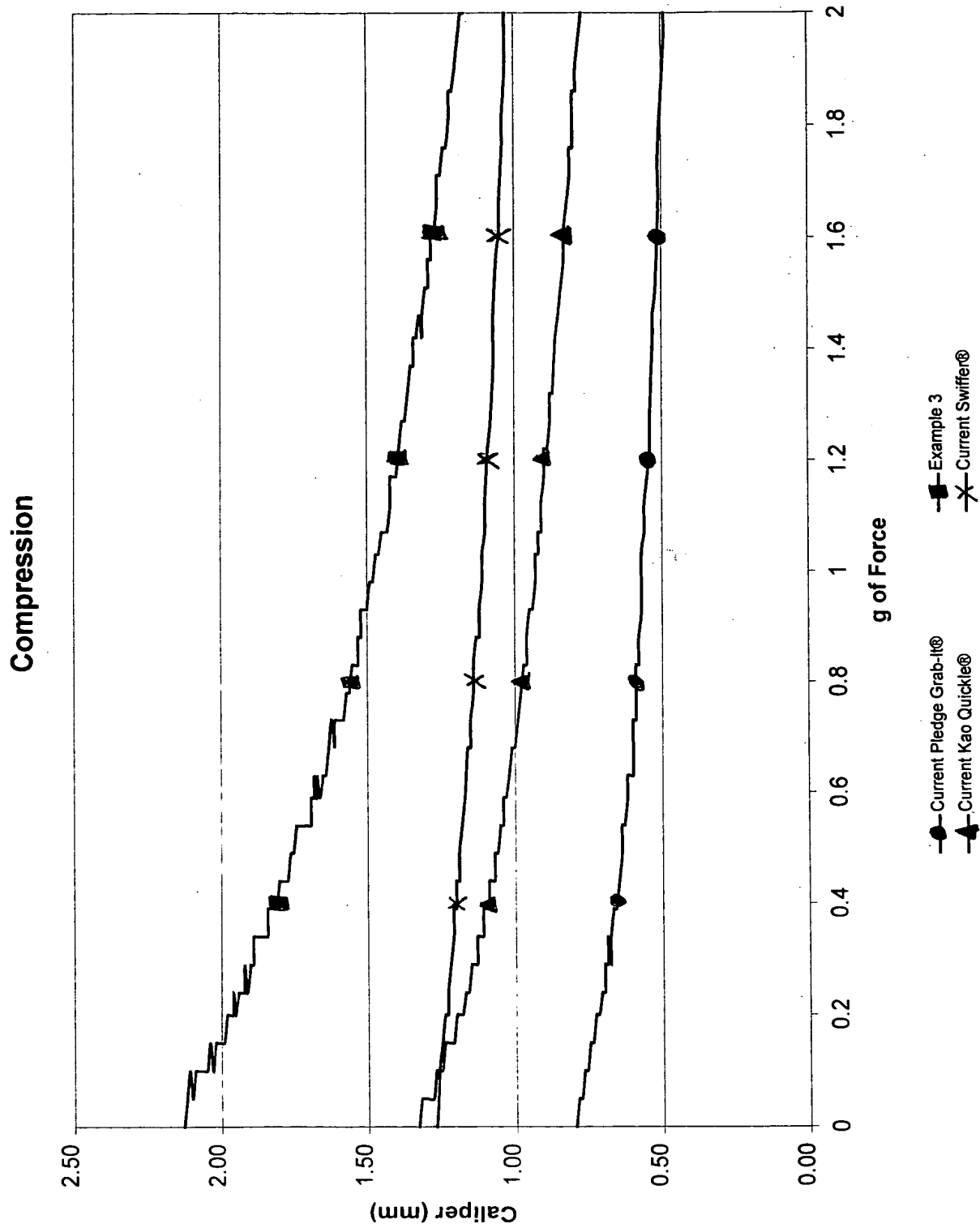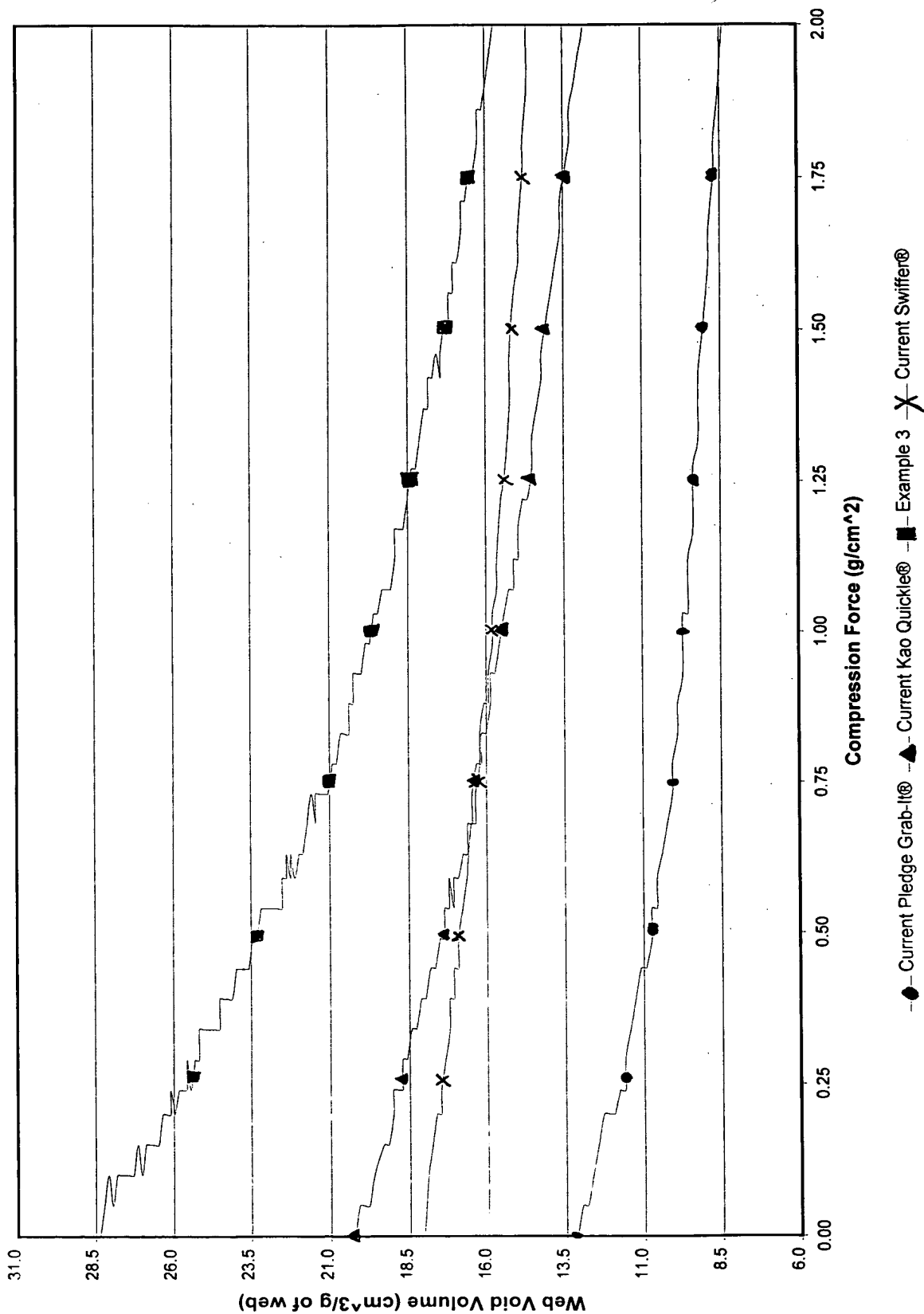185   Fig. 36

Compression

Fig. 27
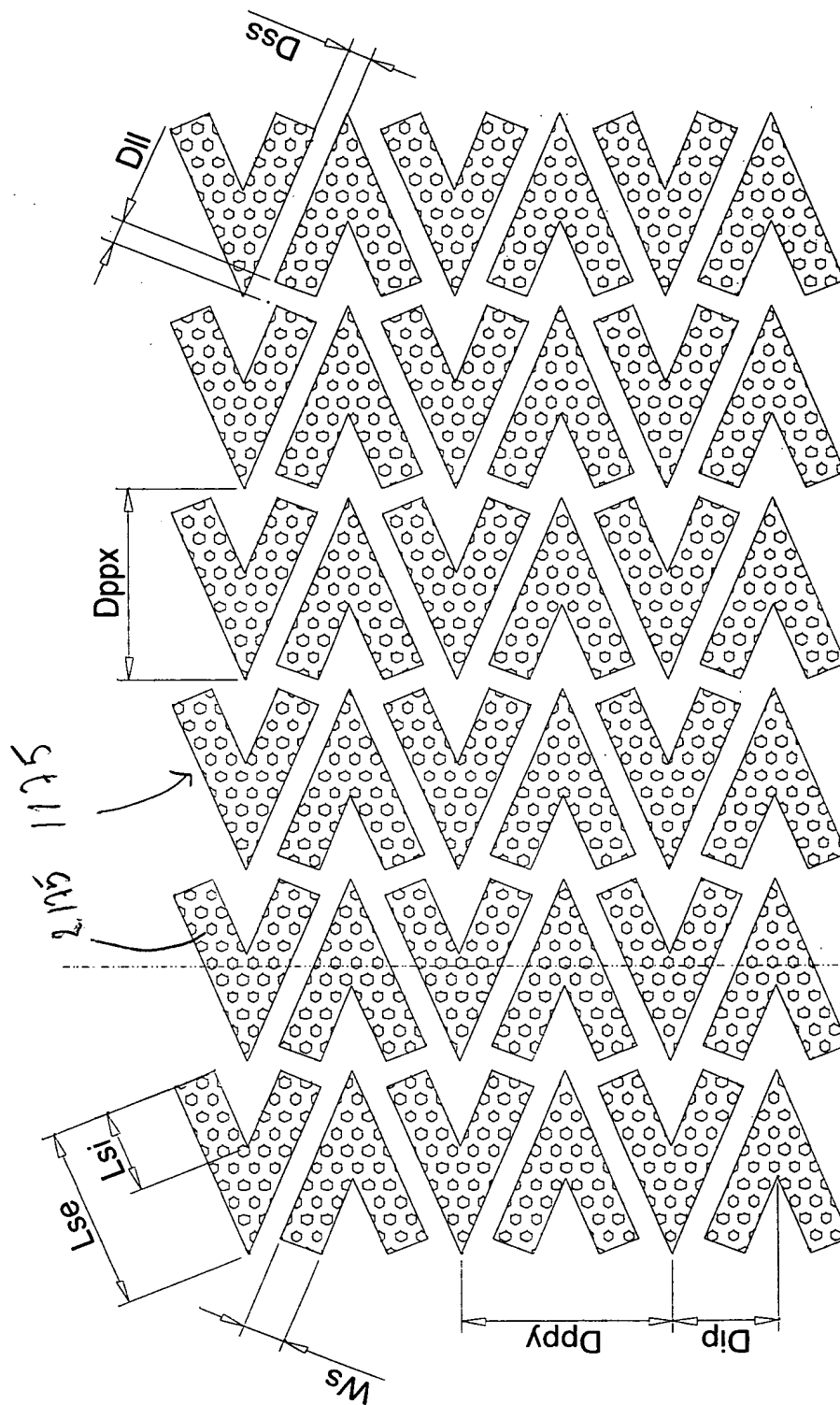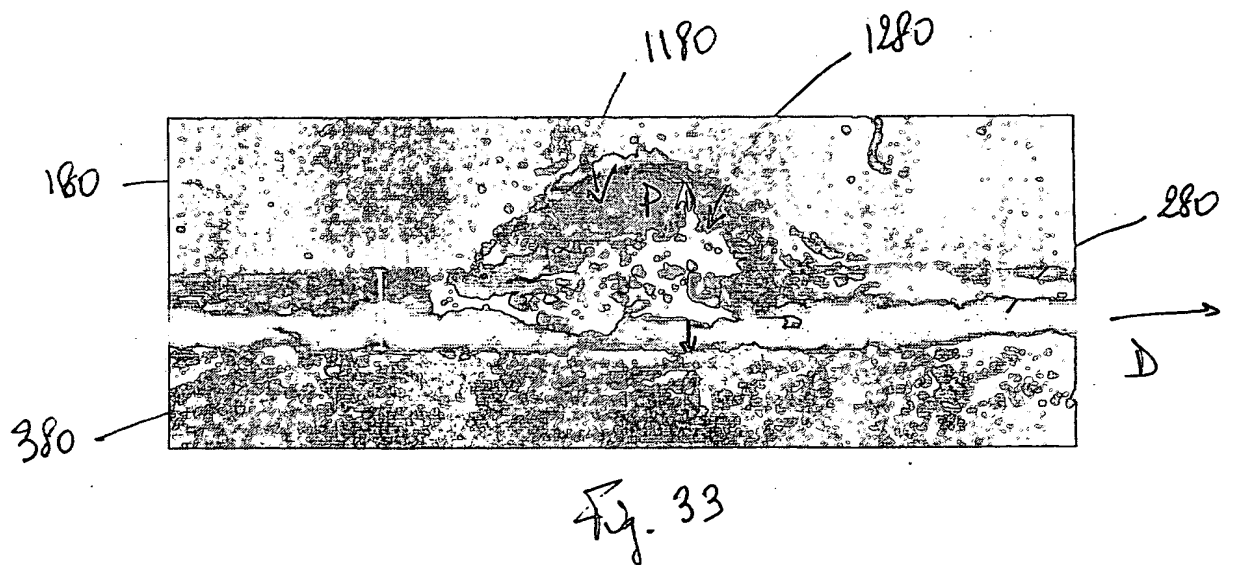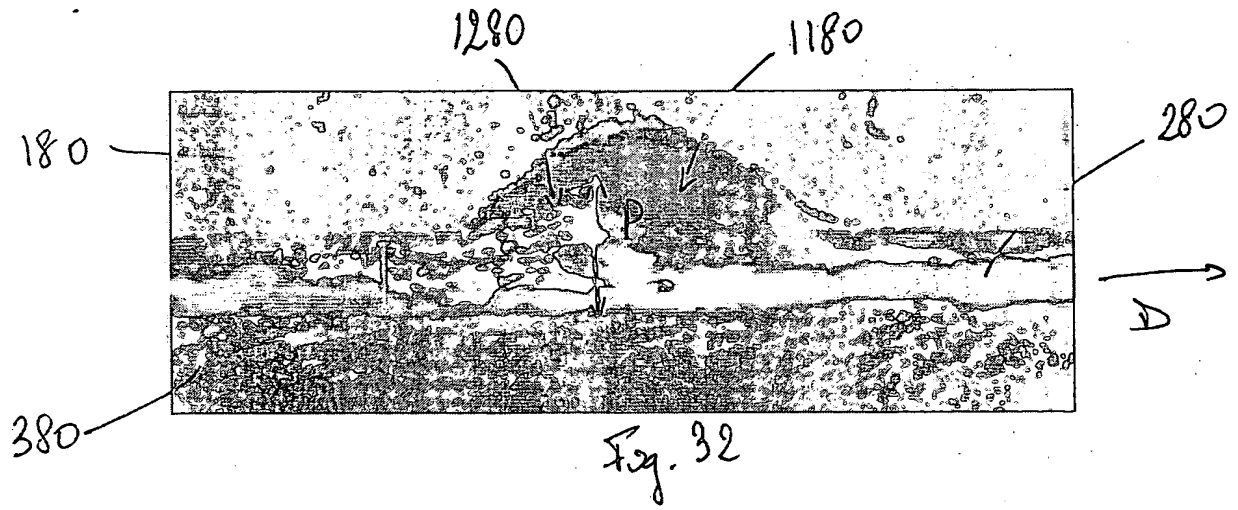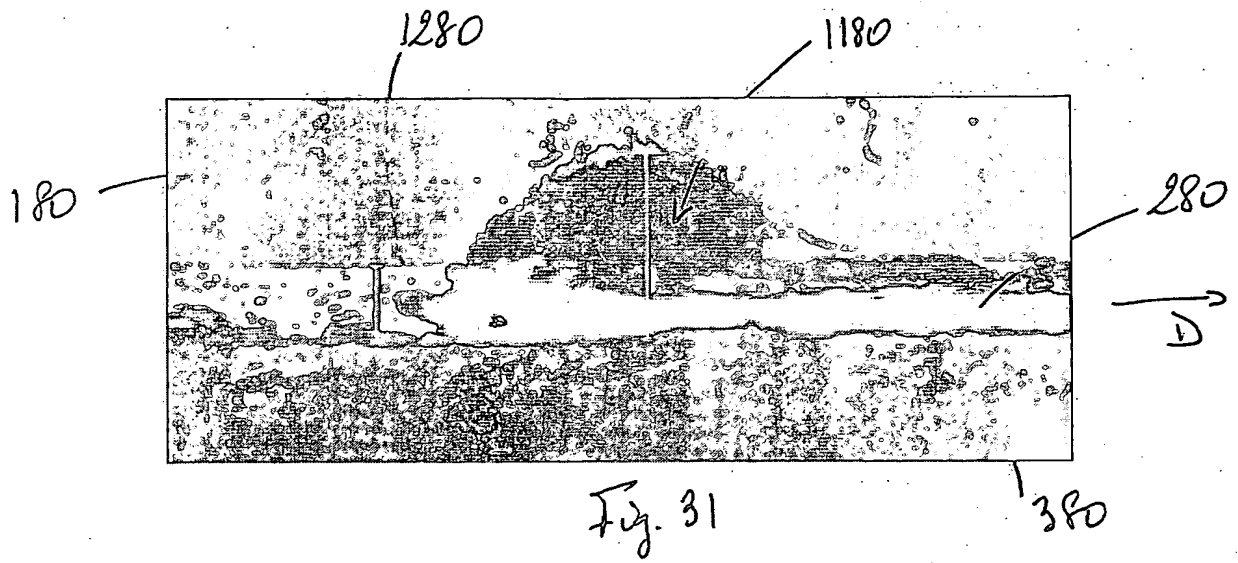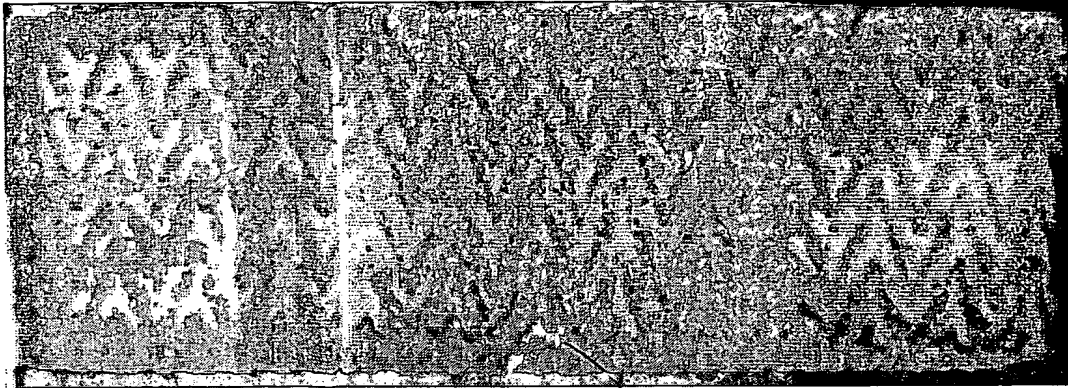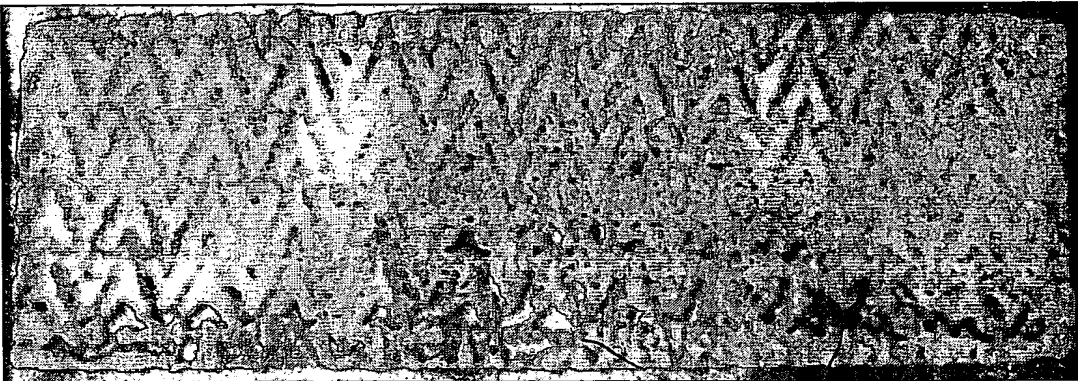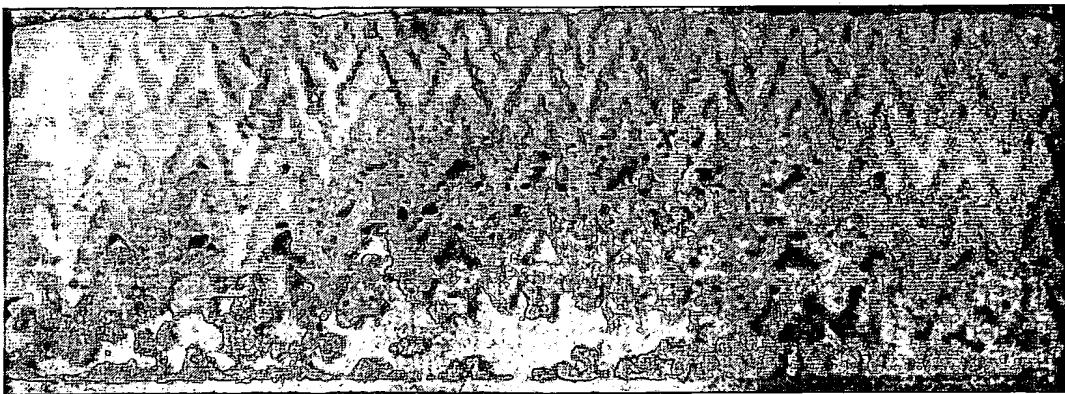
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Void Volume Under Compression Force

Fig. 38

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Compression Force (g/cm^2)

Web Void Volume (cm^3/g of web)

— Current Pledge Grab-It® — Current Kao Quickle® — Example 3 — Current Swiffer®

190

90

290

1190

Fig. 39